



Particulate Matter Sources Breakout Session

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MECKLENBURG COUNTY

AIR QUALITY

Topics

- Periodic Review of Existing Rules
- Sources of Particulate Matter that MCAQ regulates include:
 - Concrete Plants
 - Asphalt Plants
 - Quarries
- What sources do these industries have in common?



Periodic Review of Existing Rules

In North Carolina,

- General Statute requires state agencies to review and update rules every 10 years
- The state will review approximately 400 rules
- Rules will be updated where necessary, or allowed to expire where practical



Commonality

- Concrete plants, Asphalt plants and Quarries have a common source of PM:
 - Fugitives
 - Haul roads
 - Stockpiles
 - Are they regulated?

Yes they are! MCAPCO has nuisance dust regulations that apply to all sources in the county and are enforced. Facilities in violation of the dust ordinance will be required to have a dust management plan.



Concrete Plants



- Sources of Particulate Matter that MCAQ regulates:
 - Cement Silos
 - Flyash Silos
 - Sources that are subject to Toxics limits
- Concrete plants are not subject to any specific federal rules.
 - Concrete plants are subject to MCAPCO permitting requirements due to potential emissions exceeding 5 tons/year
 - MCAPCO has a visible emission limit of 20% that applies to all facilities, including concrete plants. Visible emissions are evaluated at any emission point, including fugitive sources.
- Monitoring logs are available on our website for baghouse pressure readings and maintenance.

Asphalt Plants



- Sources of Particulate Matter that MCAQ regulates:
 - Drum mixer and control device (Baghouse)
 - Truck loadouts
 - Storage Silos
 - Asphaltic cement heaters
- Testing
 - Asphalt plants are required to test the outlets of baghouses every three years and the results are evaluated against the federal rule emission standard.
- Monitoring logs are available on our website for baghouse pressure readings and maintenance.

Quarries



- Sources of Particulate Matter that MCAQ regulates:
 - Crushers
 - Screens
 - Conveyors
- The above sources are also subject to federal rule NSPS Subpart OOO
 - The federal rule emission standard applies to equipment commences construction, modification, or reconstruction after August 31, 1983. Newer pieces of equipment, after April 22, 2008, have recordkeeping requirements. Wet suppression inspections and records are required. Sample forms have been developed by MCAQ, found here:
<https://www.mecknc.gov/LUESA/AirQuality/PermittingRegulations/Documents/NSPS%20Subpart%20OOO%20Inspection%20Log%20-%20fillable.pdf>

GOVONLINE - COMING SOON!

- MCAQ's new online reporting application.
- EPA CROMERR Compliant!
- Working to create reporting options for:
 - Title V Annual Compliance Certifications
 - Annual Emission Reports
 - Federal reports – NSPS, MACT
- Targeting rollout later this year!





Welcome to the MCAQ Online System (GovOnline) for Electronic Notification, Report, and Application Submissions.

GovOnline allows for online form and report submissions with real-time tracking of processing/review status. The system specifically allows users to:

- Establish a user account and manage all your submittals online
- Submit asbestos NESHAP notifications for demolition and renovation activities
- Submit other air quality compliance reports and applications
- Monitor the processing status of your submittals
- Receive e-mail notifications on review results

Presently the system is operational for the asbestos NESHAP notification form. The system will be expanded to include additional forms in the future.

System User Guide: The System User Guide provides instructions on using the System under the Help Menu. You can also access the guide via the link to the right just below the login button.

Facility/Public Login

User name

Password

Login

[System User Guide](#)

[Create a new account](#)

[Forgot your login user name or password?](#)

Release Date: March 07, 2018

Version: 4.0018.0307.21213

GovOnline uses Adobe Reader for some online document viewing. Please click the following link to install Adobe Reader Plug-in software.



GovOnline Website is secured by

Authorize.Net
a CyberSource solution



Questions?

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